| CC                         | MDT  | NFD                 | मनम                           | TRA                         | NSI                 | MIT                                    | ΤA              | T.                            |  |                            |   | omplete if Kn              | lown                                   | r .          |
|----------------------------|--|---------------------|-------------------------------|-----------------------------|---------------------|--|-----------------|-------------------------------|--|----------------------------|---|----------------------------|--|--------------|
| COMBINED FEE TRANSMITTAL   |  |                     |                               |                             |                     |  |                 | Application Number 10,666,897 |  |                            |   |                            | -                                      |              |
| for FY 2005                |  |                     |                               |                             |                     |  |                 | Filing Date                   |  |                            | 09/17/2003  |                            | <del></del> -                          |              |
|                            | Effective 12/08/2004. Patent fees are subject to annual revision. PIO/SB/17 (12-04) (Revised) (Far psyment of 37 CFR 1.17 fees including (f). (g). (b). & (i)) |                     |                               |                             |                     |  |                 |                               | First Named Inventor   |                            | tor   | Atanackovic                |  |              |
|                            |  |                     |                               |                             |                     |  | <u>(к) (р)</u>  | .& <u>(i)</u>                 | Examine  | r Name                     |   | Jackson, Jr.,              | , Jerome                               |              |
| Applica                    | ınt claims   | small ent           | ity status.                   | Sec 37 C                    | JFR 1.2             | 27                                     |                 |                               | Art Unit   |                            |   | 2815                       |  |              |
| 7                          | OTAL A   | MOUNT               | OF PAY                        | MENT                        | (\$)                |  |                 |                               | Attorney   | Docket N                   | lo.   | 39230-0704                 |  |              |
|                            |  | METHO               | D OF PAY                      | MENT (d                     | reck one            | 2)                                     |                 |                               |  |                            | FEE C   | ALCULATIO                  | N (continued)                          |              |
| Check                      |  | Cred                |                               | ☐ Monv                      |                     |  | ther            | ☐ None                        |  |                            | ES UNDER  | 37 CFR 1.17 (I             | )                                      | Fee Paid     |
| ☐ Check ☐ Deposit          | Account  |                     |                               |                             |                     |  |                 |                               | Fee Code:<br>§ 1.53(c);  | ;  462<br> § 1.57(a);      | Fee S 400<br>§ 1.182; § 1.                        | ,<br>, j 83; § 1.378(e);   | r petitions filed under:<br>§ 1.741(b) |              |
| Deposit Acc                |  | her 00              | 1641                          |                             |                     | ــــــــــــــــــــــــــــــــــــــ |                 |                               |  |                            |   | 37 CFR 1.17 (g             |  | Fee Paid     |
| Deposit Acc                | ZOUIL INGIN  | _                   | 1641                          |                             |                     |  |                 |                               | Fee Code: 1463 Fee \$ 200 For petitions filed under: § 1,12; § 1.14; § 1.47; § 1.59; § 1.103(a); § 1.136(b); § 1.295; § 1.296; §   |                            |   |                            |  |              |
| Deposit Ac                 | count Nan  | ie: He              | ller Ehrma                    | in White                    | & McA               | uliste L                               | .LP             |                               | § 1,12; §<br>1.377; § 1  | 1.14; g 1.4<br> .550(c); § | 7; g 1.39; g 1<br>1.956; § 5.12                   | ; § 5.15; § 5.25           | b), 9 1233, 9 1.230, 9                 |              |
| The Commi                  | icuianer le  | nuthorize           | d to: (chec                   | k all that a                | (אלסטו              |  |                 |                               |  |                            |   | 37 CFR 1.17 (              | h)                                     | Fee Paid     |
| Charge:                    |  |                     |                               |                             |                     |  |                 |                               | Fee Code   | : 1464<br>- 8 1 84 6       | Fee S 130   | ) F(<br>(d); § 1.138(c); § | or petitions filed under:              |              |
|                            |  |                     |                               | . deficienci                |                     |  |                 |                               |  |                            |   |                            |  | Fee Paid     |
| ☑ Credit a                 |  |                     |                               |                             |                     | nlication                              |                 |                               | 7. PROCESSING FEES UNDER 37 CFR 1.17 (i)  For Code: 1808 (1803 for § 1.221) Fee \$ 130 For petitions filed under: § 1.28(c)(3); § 1.41; § 1.48; § 1.52(d); § 1.53(b)(3); § 1.55; § 1.99(e); § 1.103(b); § 1.103(c); § 1.103(d); § 1.217; § 1.221; § 1.291(c)(5); § |                            |   |                            |  |              |
| ☐ Charge                   |  |                     |                               |                             |                     |  |                 | unt                           |  |                            |   |                            |  |              |
|                            | ree(s) mon   | aned oency          | v, except to                  | n the min                   | <u> </u>            | u.v                                    |                 |                               | 1.497(d);  | § 3.B1                     |   |                            |  |              |
|                            |  |                     | FEE CALC                      |                             |                     |  | -               |                               | 8. OTH   | ER FEES                    | -   |                            |  | Fee Paid     |
| 1. BASIÇ                   | FILING,  | SEARCH              | , AND EXA                     | <b>WINNII</b>               | ONFE                | ₩                                      |                 |                               | Fee<br>(5)   | Fee (5)                    |   | Fee Desc                   | ription                                | ree ran      |
|                            | FILING   | PEES                | SEARC                         | H FEES                      | EXA                 | MINAT                                  | IÓN             |                               | 130  | 65                         | Surcharge - 1                                     | late filing foe or o       | oth                                    |              |
| Applicati                  | Entity   | Small               | Entity                        | Small                       | Entit               | y S                                    | mell            | Fees                          | 50   | 25                         | Surcharge -                                       | late provisional fi        | ling fee or cover sheet                |              |
| on Type                    | Fee<br>(S)   | Entity<br>Fee (S)   | Fee<br>(S)                    | Entity<br>Fee (S)           | Fee<br>(\$)         | 10.                                    | etity<br>(S)    | Paid (S)                      | 130  | 130                        | Non-English                                       | apecification              |  |              |
| 11-31                      | 300  | 150                 | 500                           | 250                         | 200                 | , -                                    | 100             |                               | 2,520  | 2,520                      | For filing a                                      | request for ex pan         | s recxamination                        |              |
| Utility                    | 200  | 100                 | 100                           | . 50                        | 135                 | _                                      | 65              |                               | 920°   | 920*                       | Requesting p                                      | publication of SIR         | prior to Examiner action               | 57           |
| Design_<br>Plant           | 200  | 100                 | 300                           | 150                         | 160                 |  | 80              |                               | 1,840*   | 1,840*                     | Requesting :                                      | publication of SIR         | after Examiner action                  |              |
| Reissuc                    | 300  | 150                 | 500                           | 250                         | 600                 | ,                                      | 300             |                               | 120  | 60                         | Extension fo                                      | r ceply within lies        | t month                                |              |
| Provisional                | 200  | 100                 | 0                             | 0                           | 0                   | $\neg$                                 | 0               |                               | 450  | 225                        | Extension fo                                      | r reply within sec         | ond month                              |              |
| 110101                     | 1 1  |                     | S                             | UBTOTA                      | L (1)               | \$0                                    |                 |                               | 1,020  | 510                        | Extension fo                                      | e reply within this        | rd month                               | 510          |
| 2. EXTRA                   | CI ADM   | EE Ø Ø              |                               |                             |                     |  |                 |                               | 1,590  | 795                        | Extension fo                                      | or reply within fou        | rth month                              |              |
| Entity Fee                 |  |                     | T                             |                             | F-4 Day             | anintian                               |                 |                               | 2,160  | 1,080                      | Extension for reply within fifth month            |                            |  | <u> </u>     |
| 50                         |  | tity Fee (\$)<br>25 | Each cla                      | aim in exces                | sa of 20 o          | eription<br>or, for Re                 | issu <b>es.</b> | each claim                    | 500  | 250                        | Filing a brief in support of an appeal            |                            |  |              |
| 200                        | <del> </del>   | 100                 | Each Inc                      | s of 20 und<br>dependent c  | claim in e          | excess of                              | 3 or, fa        | r Reissucs,                   | 790  | 395                        | Filing a submission after final rejection (37 CFR |                            |  |              |
|                            |  | 80                  | cach ind                      | iependent el<br>e dependent | laim môr            | re than in                             | the orig        | ginal potent                  | 1,510  | 1,510                      | 1.129(a))<br>Petition to i                        | institute a public u       | se proceeding                          | <u> </u>     |
| 360                        | <u> </u>   |                     |                               | Fee fro                     | ent)                |  |                 |                               | 500  | 250                        | <del>                                     </del>  |                            | ly abandoned application               |              |
| Total 1                    | <del></del>  |                     | Extra Clain                   |                             | <u>e  </u>          |  | Fee Pa          | ıd                            | 1,500  | 750                        | Petition to                                       | revive - unimentic         | mally abundance application            |              |
| Claims Independe           |  | -20**-              | ==                            | ×                           | ╣╌╫                 |  |                 |                               | 30   | 50                         |   |                            | J appls (37 CFR 1.17(q))               | 1            |
| m Cfairns                  | angioret: -  | -3** =              | r, For Religion               | x see below                 |                     | <u></u>                                |                 |                               | 180  | 180                        |   |                            | disclosure Statement                   |              |
| Multiple D                 |  |                     |                               |                             |                     |  |                 |                               | 1,000  | 500                        |   | r oral hearing             | - La marine de GO CER                  | <del>↓</del> |
|                            |  |                     |                               | SUBTOTA                     | 1L (2)              | \$0                                    |                 |                               | 790  | 395                        | 1.129(b))   |                            | to be examined (37 CFR                 | <del> </del> |
| 3. APPLICATION SIZE FEE    |  |                     |                               |                             |                     |  |                 | 790                           | 395  |                            | r Continued Exer                                  |                            | +                                      |              |
| 754L - 44001               | E-t- and   | draminas s          | exceed 100 s<br>ach additions | heets of pay                | per, the a          | applicatio                             | n size f        | ee due is                     | 900  | 900                        |   | expedited examin           | nation of a design application         | +-           |
| \$250 (\$125<br>whose numi | tor small c<br>ber). See 35  | TU.S.C. 410         | ech edidition<br>(a)(1)(G) an | d 37 CFR <u>1</u> .         | .16(3)              | on district                            |                 |                               | Other fi   | e (specify)                |   |                            |  | <u></u>      |
| Total                      |  | Extra               |                               | Num!                        | ber of<br>Iditional | Fee                                    |                 | Small<br>Entity               |  | S                          | UBTOTAL   | . (4+ <del>5</del> +6+7+8) | \$ 510                                 |              |
| Sheets                     | -100=  | Sheets              | /50 =                         | 5                           | 50                  | (S)_<br>x 250                          | OR              | Fee (5)                       | • Redu   | and by Bas                 | ic Filing Fee                                     | Paid                       | E.                                     |              |
|                            | -100=  |                     |                               | SUBTOT                      | AL (3)              | \$0                                    |                 |                               |  |                            |   |                            | the skips                              |              |
| SUBMIT                     | TED BY   |                     | 7                             |                             |                     |  |                 | stration No.                  |  |                            |   | Complete (if               |  |              |
| Name                       |  |                     |                               |                             | _                   |  |                 |                               | 29,29  |                            |   | Telephone                  | 650 324-7041                           |              |

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Examiner Jerome Jackson, Jr., USPTO

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Paul Davis (650) 324-7041

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16 (including cover)

Date:

July 6, 2005

4983/39230-0704

Message:

Inventor: Atanackovic

Application No.: 10/666,897

Filed: 09/17/2003

Devices with Optical Gain in Silicon For:

Group Art Unit: 2815

Fax:

Examiner: Jackson, Jr., Jerome

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1. Transmittal Form (1 pg)

2. Combined Fee Transmittal for FY 2005 (1 pg)

3. Response to Final Office Action or in the Alternative, Notice of Appeal (10 pgs)

4. Annotated marked up drawings (2 sheets) 5. Notice of Appeal from the Examiner to the Board of Patent Appeals and Interferences (1 pg)

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| Past Value   Version   V   | -                   | PANCMITTAL                              |            | Filing Date   |                                |   |                       |               |  |  |
| Art Unit   Art Date    | . 1                 |   |            | First Named Inventor  |                                |   |                       |               |  |  |
| Total Number of Pages in This Submission    Total Number of Pages in This Submission   15  |                     | FORM                                    | -          | Art Unit  | 2815                           |   |                       |               |  |  |
| Total Number of Pages in This Submission    Total Number of Pages in This Submission   15  | In he used fi       | or all correspondence after initial fil | ing)       | Examiner Name   | Jackson, Jr., Jerome           |   |                       |               |  |  |
| Fee Transmittal Form    Fee Attached   |                     |   |            | Attorney Docket Number  | 39230-                         | 0704  |                       | ノ             |  |  |
| Fee Transmittal Form Fee Attached Fee Attached Fee Attached Petition Amendmant/Reply After Final After Final After Final After Final Attached After Final After Final Attached After Final After Final Attached After Final After Final Attached After Final Attached After Allowance Communication to TC Appeals and Interferences Appeal Communication to TC Appeals Administer Appeals Communication to TC Appeals Administer Provisional Application Proprietary Information Status Letter Other Enclosure(s) (please Identify Delevely: Notice of Appeal (if necessary) Notice of Appeal (if necessary) Notice of Appeal (if necessary) The Commissioner is authorized to charge deposit account no. 08-1641 for any fees due in connection with this paper.  Signature  Signature  Signature  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with a date shown below.  Signature Signature  Signature  Date Uses Signature After Final Disabler Appeal Communication to TC (Appeal Notice, Brief, Repty Brief) Proprietary Information Status Letter Notice of Appeal (if necessary) Noti | Total Number of     | Pages in This Submission                | _          |   |                                |   |                       |               |  |  |
| Fee Transmittal Form   |                     |   | ENCL       | OSURES (Check all that apply)                                     |                                |   |                       |               |  |  |
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| Amendment/Reply  |                     |   | ľ          | marked up drawings)   | $\mathbf{I} \sqcup \mathbf{G}$ | of Appeals and Interferences Appeal Communication to TC | 1                     |               |  |  |
| After Final Pettlon to Convert to a Provisional Application   Pettlon to Convert to a Provisional Application   Power of Attorney, Revocation Contage of Correspondence Address   Status Letter   Other Enclosure(s) (please Identify below):    Express Abandonment Request   Request for Refund   CD, Number of CD(s)   Landscape Table on CD   Landscape Table on CD   Remarks   The Commissioner is authorized to charge deposit account no. 08-1641 for any fees due in connection with this paper.    Response to Missing Parts under 37 CFR 1.52 or 1.53   SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT   |                     |   | l          | Petition  |                                |   | ;<br>ief)             |               |  |  |
| After Final Provisional Application Change of Correspondence Address Change of Correspondence Statement Copy of Priority Cocument(s) Copy of Priority Changes of Copy of Priority Changes of Copy of Priority Changes of Correspondence is authorized to charge deposit account no. 08-1641 for any fees due in connection with this paper.  Signature OF APPLICANT, ATTORNEY, OR AGENT  Signature Printed name Paul Davis Date July 6, 2005 Reg. No. 29,294  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with under any postage as first class mail in an expelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  Signature  | ₩                   |   | 1          |   | I =                            | Proprietary Information                                 |                       |               |  |  |
| Extension of Time Request  Extension of Time Req | After.              | Final                                   |            | Provisional Application   |                                |   |                       |               |  |  |
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| Express Adanonment Request Information Disclosure Statement Conversition Cartified Copy of Priority Document(s) Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Name Heller Ehrman LP  Signature Printed name Paul Davis Date July 6, 2005  Reg. No. 29,294  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an epyclope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  Signature   | Extension of        | of Time Request                         |            | Terminal Disclalmer   |                                | balow):   |                       |               |  |  |
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| Signature  Printed name Paul Davis  Date July 6, 2005  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an epvelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  |                     |   |            |   |                                |   |                       |               |  |  |
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| Signature  Printed name Paul Davis  Date July 6, 2005  Reg. No. 29,294  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an epvelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.   |                     | SIGNA                                   | URE O      | F APPLICANT, ATTORNEY, O  | R AGE                          | NT  |                       |               |  |  |
| Printed name Paul Davis  Date July 6, 2005  Reg. No. 29,294  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an epwelope addressed to: Commissioner for Patants, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.  | Firm Name           | Heller Ehrman LLP                       |            |   |                                |   |                       |               |  |  |
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